



# Hydraulic Separators

*For Hydronic Heating and Chilled Water Systems*

*Insulated, multifunction unit separates primary and secondary circuits in hydronic heating and chilled water applications. All units include dual sensor ports and perforated internal baffles for air and dirt separation.*

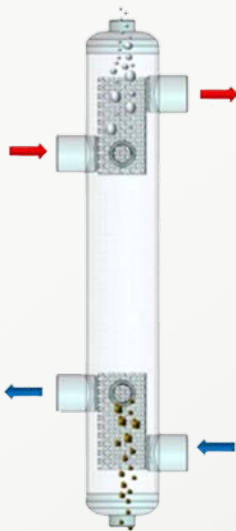
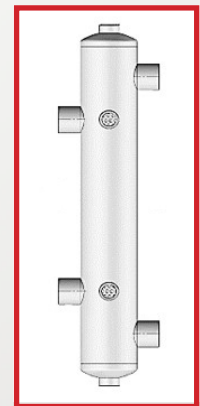


## Features

- Low-loss design supports flow rates up to 40 gpm for residential and light-commercial applications
- Welded baffles; no plastic internal components
- Dual accessory ports for sensing and magnetic inserts
- Includes high-capacity automatic float vent
- Bottom port for drain or blowdown valve
- Two-piece insulation with hook & loop clamshell

## Specifications

|                        |                            |
|------------------------|----------------------------|
| System Connections:    | (x4) NPTF Thread           |
| Front Accessory Ports: | (x2) ½ in. NPTF Thread     |
| Vent and Drain Ports:  | (x2) ½ in. NPTF Thread     |
| Max Pressure:          | 150 psig                   |
| Max Temperature:       | 200°F                      |
| Fluid Compatibility:   | Water or Glycol mix to 50% |
| Tank Material:         | Welded steel               |
| Warranty               | 5 Years                    |



## Dimensions

| Model   | Size   | Max Flow    | Body Diameter        | Height |
|---------|--------|-------------|----------------------|--------|
|         | NPTF   | gpm/circuit | inches, w/insulation | inches |
| ZHS-100 | 1"     | 11          | 4.0                  | 20.6   |
| ZHS-125 | 1 - ¼" | 18          | 4.7                  | 25.7   |
| ZHS-150 | 1 - ½" | 26          | 5.7                  | 30.5   |
| ZHS-200 | 2"     | 40          | 6.7                  | 35.2   |